

Version with markings to show changes made

ABSTRACT

An apparatus and method suitable to remove dirt and debris from the floor edge, where a wall meets the floor, with a power driven brush in conjunction with a vacuum unit.

Version with markings to show changes made

What is claimed is:

- 1. An apparatus for cleaning floor / wall edges comprising:
 - A means of cleaning to the edged of a vacuum head housing
 - A means of rotary brushing to the edge of a vacuum head housing
 - A means to increase agitation and maintain airflow at the outside edge of a vacuum housing**
- 2. The apparatus of claim 1, wherein the bearings are inset from the outside edge of the rotary brush thus allowing full agitation at the extremity of the brush and vacuum head.**
- 3. The apparatus of claim 1, wherein the vacuum head housing is adapted to receive the inset bearings to induce airflow and agitation at the outside edges of the head.**
- 4. The apparatus of claim 1, wherein the instrument can be made as part a typical house sized vacuum units.**
- 5. The apparatus of claim 1, wherein the instrument can be a stand-alone tool for power agitated hand cleaning.**
- 6. The apparatus of claim 1, wherein the instrument can be an additional tool for typical house sized vacuum units.**
- 7. The apparatus of claim 1, wherein the drive belt can be positioned between the bearings, or to the outside of both bearings in a cantilevered fashion.**
- 8. The apparatus of claim 1, wherein the bearing assembly and mounting fixture is easily removable from the vacuum head.**
- 9. The apparatus of claim 1, wherein the brushes and bearing assembly may be made with multiple brush pieces or injection molded as a single unit .**
- 10. The apparatus of claim 1, wherein the unit is fabricated of metals, plastic, or other and combinations of these or like items.**
- 11. The apparatus of claim 1, wherein the instrument can have brushes extend to the outer edge of the cylindrical brush.**

12. The apparatus of claim 1, wherein a fine mist water spray attachment is added to dampen the top surface of the carpet to facilitate dust/dirt removal.

13. A method for cleaning floor / wall edges comprising the steps of

- Operating a handheld unit with edge cleaning brushes
- Operating a typical house cleaning vacuum with edge cleaning brushes
- Operating unit adaptable to vacuum cleaners with edge cleaning powered brushes

14. A method of claim 13, wherein the brushes are an integral design of the typical house cleaning vacuum unit.

15. A method of claim 13, wherein a handheld stand alone unit is used to apply rotary brush power agitation to the edge of the handheld unit.

16. A method of claim 13, wherein the unit can be an add-on attachment to the vacuum unit where the air flow drives the powered brushes that extend to the edge of the housing unit.

17. A method of claim 13, wherein the brushes can be easily replace if worn to maximize edge agitation.

18. A method of claim 13, wherein a fine mist water spray attachment is added to dampen the top surface of the carpet to facilitate dust/dirt removal.